

Resource Summary Report

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Kv1.5 potassium channel

RRID:AB_10675288

Type: Antibody

Proper Citation

(Antibodies Incorporated Cat# 73-011, RRID:AB_10675288)

Antibody Information

URL: http://antibodyregistry.org/AB_10675288

Proper Citation: (Antibodies Incorporated Cat# 73-011, RRID:AB_10675288)

Target Antigen: Kv1.5 potassium channel

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: ICC, IHC, IP, WB

Validation status: IF or IB (Pass), IB in brain (Fail), IHC in brain (Fail), KO (ND)

This clone is associated with these products: purified (Antibodies Incorporated, Cat# 75-011, RRID:AB_2131324), supernatant (Antibodies Incorporated, Cat# 73-011, RRID:AB_10675288), hybridoma (UC Davis/NIH NeuroMab Facility, Cat# K7/45, RRID:AB_2877491)

Antibody Name: Kv1.5 potassium channel

Description: This monoclonal targets Kv1.5 potassium channel

Target Organism: human, mouse, rat

Clone ID: K7/45

Defining Citation: [PMID:22987820](#)

Antibody ID: AB_10675288

Vendor: Antibodies Incorporated

Catalog Number: 73-011

Ratings and Alerts

No rating or validation information has been found for Kv1.5 potassium channel.

No alerts have been found for Kv1.5 potassium channel.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Dufour MA, et al. (2014) Somatodendritic ion channel expression in substantia nigra pars compacta dopaminergic neurons across postnatal development. Journal of neuroscience research, 92(8), 981.

Specia DJ, et al. (2014) Deletion of the Kv2.1 delayed rectifier potassium channel leads to neuronal and behavioral hyperexcitability. Genes, brain, and behavior, 13(4), 394.

Ovsepian SV, et al. (2013) A defined heteromeric KV1 channel stabilizes the intrinsic pacemaking and regulates the output of deep cerebellar nuclear neurons to thalamic targets. The Journal of physiology, 591(7), 1771.

Yamada J, et al. (2013) Novel objective classification of reactive microglia following hypoglossal axotomy using hierarchical cluster analysis. The Journal of comparative neurology, 521(5), 1184.

Cidad P, et al. (2010) Characterization of ion channels involved in the proliferative response of femoral artery smooth muscle cells. Arteriosclerosis, thrombosis, and vascular biology, 30(6), 1203.

Tobin AA, et al. (2009) Loss of cerebrovascular Shaker-type K(+) channels: a shared vasodilator defect of genetic and renal hypertensive rats. American journal of physiology. Heart and circulatory physiology, 297(1), H293.

Nanduri J, et al. (2008) Mitochondrial reactive oxygen species mediate hypoxic down-regulation of hERG channel protein. Biochemical and biophysical research communications, 373(2), 309.

Pott C, et al. (2007) Mechanism of shortened action potential duration in Na⁺-Ca²⁺ exchanger knockout mice. American journal of physiology. Cell physiology, 292(2), C968.